The International Institute for Applied Systems Analysis (IIASA) and the Program for Evolutionary Dynamics (PED) of Harvard University, US, are collaborating on “Dancing with the Future”, a production that pushes the boundaries of art and science, fusing dance, evolutionary dynamics, and an interactive game.

“Dancing with the Future” explores the mechanisms of cooperation and investigates a question that is at the heart of all sustainable development, yet remains widely elusive because it entails a moral component that cannot easily be assessed: are humans able to cooperate with future generations? In other words, what planet are we willing to leave behind for the people who come after us?

“We have 17 Sustainable Development Goals and scientists and policymakers around the world work tirelessly to figure out how to realize them by 2030. At the same time we know little about the fundamental question of how to cooperate with the future. That’s why artists and scientists are now joining forces,” says Gloria Benedikt, who leads the Science and Arts Project at IIASA.

“Given that future generations are unable to unable to respond to the current generation, it seems that conventional mechanisms for cooperation cannot be utilized to solve this critical problem,” says Martin Nowak, professor of mathematics and of biology at Harvard University. “But we have evidence that a large majority of people would vote for cooperating with the future if the vote was global and binding.

The production takes this evidence as a starting point. A stage game, designed by IIASA research scholar, Piotr Magnuszewski, will invite the audience to participate in order to find out whether it has the capacity to leave enough resources behind for future generations.

“Dancing with the Future” will premiere at Harvard University’s Farkas Hall on 25 September 2018 and will subsequently be presented at the International Conference on Sustainable Development, during the United Nations General Assembly, on 27 September in New York. The New York performance will be live streamed.

Tickets for the premiere can be purchased through the Harvard Box Office.

CAST: Martin A Nowak, Gloria Benedikt, Hannah Kickert, Piotr Magnuszewski, Mimmo Miccolis, Henoch Spinola, Jessie Jeanne Stinnett

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